



ORION EXAMINATIONS BOARD

PRIMARY LEAVING EXAMINATIONS 2025

STANDARD EXMINATION SET-9-2025

MATHEMATICS
Time Allowed: 2 Hours : 30 Minutes

Random No.						Personal No.		

CANDIDATE'S NAME:

CANDIDATE'S SIGNATURE:.....

DISTRICT NAME:.....

Read the following instructions carefully:

- 1.This paper has **two** sections: **A** and **B**.
- 2.Section **A** has **20** questions (**40 Marks**)
- 3.Section **B** has **12** questions (**60 marks**)
- 4.Answer **all** questions. **All** answers to both sections **A** and **B must** be written in the spaces provided.
- 5.**All** answers must be written using a **blue** or **black ball** point **pen** or **ink**. Diagrams should be drawn in a pencil.
6. **Unnecessary** changes in your work may lead to **loss** of marks.
7. Any handwriting that **cannot** be easily read may lead to **loss** of marks.
8. **Do not** fill anything in the table indicated: "**FOR EXAMINERS' USE ONLY**" and boxes inside the question paper.

FOR EXAMINERS' USE ONLY		
Qn. No	MARKS	EXR'S No.
1 – 10		
11 – 20		
21 – 22		
23 – 24		
25 – 26		
27 – 28		
29 – 30		
32 – 32		
TOTAL		

TURN OVER

TEL: 0767117572-KIREKA KAMPALA (UG)

SECTION: A

Answer **all** questions **in** this section.

Questions **1** to **20** carry **two** marks each.

1. Add: **569 + 25**

2. Write **400068** in words.

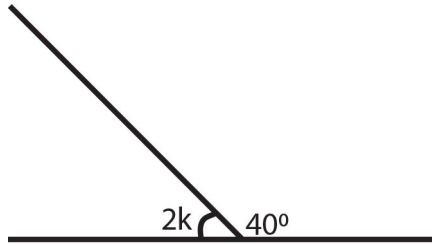


3. Find the value of **9** in the **2987**.

4. Simplify: **2x + 4y - x - 3y**

5. Work out: $\frac{3}{4} + \frac{1}{2}$

6. Find the size of the angle **k** in the figure below.



7. Write **0.000906** in standard form.



8. List the first four composite numbers less than **15**.

9. Convert **2.7** tonnes into kilogrammes.

10. A school debate started at **7: 35am** and ended at **5:00pm**. How long did a school debate last ?

11. If today is Saturday. What day of the will it be **50days** from now ?

12. Given that set **T = {1,3,5}**. Find the number of proper subset in set T.

13. Solve for **W**: $4 - 2w \geq 20$



14. A trader bought a shirt at **shs.20,000**. At what price did he sell the shirt if he made a profit of **shs.8,000** ?

15. If the **M= -5**, **N= 2** and **L= -4**. Work out the value of **M(L + N)**

16. Given that  represent **25** stools. Draw pictures to represent **100** stools.

17. A taxi travelling at a speed of **160km/hr** took **45 minutes** to travel from town A to town B. Calculate the distance of a taxi.



18. Find the median of **3, 5, 2, 7, 0, 8**

19. In a basket, there are ripe and raw mangoes. The probability of picking of a ripe mango from a basket at random is $\frac{5}{7}$. If there are **10** raw mangoes in the basket, find the total number of mangoes in the basket.

20. The circumference of a circle is **88cm**. Calculate the radius of the circle.

SECTION B: 60 MARKS

Answer **all** questions in **this** section.

Marks for **each** question are **indicated** in brackets.

21.(a) Find the number that has been expanded below;

$$(4 \times 10^2) + (2 \times 10^1) + (9 \times 10^{-2})$$

(2 marks)

(b) Expand **9824** using values.

(2 marks)

22. Mr. Ojono spends $\frac{2}{7}$ of his salary on rent and the rest on medical care. He spends shs.**210,000** more on medical care than rent. Calculate the total monthly salary.

(5 marks)





23. The interior and exterior angle of a regular polygon are **$3x$ and $2x$** . respectively.

(a). Name the polygon.

(3 marks)

(b). Find the number of triangles of the polygon.

(2 marks)

24.(a) Work out; $5(k - 1) - 2(k + 3) = 13$

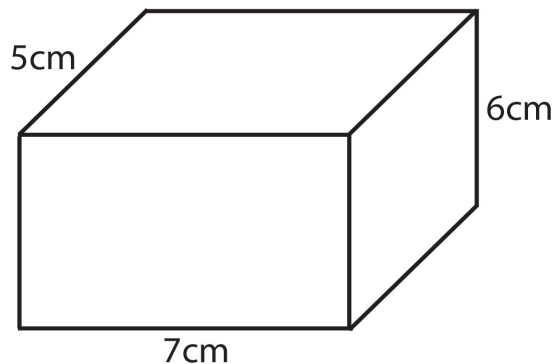
(3 marks)

(b) Andrew is **14** years old and Babita is **58** years old. In how many years' time will Andrew be thrice as old as Babita ?

(3 marks)



25. Study the figure below and use it to answer the questions that follow.



(a) Calculate the **T.S.A** (3 marks)

(b) Calculate the volume of the figure.

(2 marks)

26.(a) Convert **11001**_{two} to base ten.

(3 marks)

(b) Subtract: **261**_{four} - **113**_{four}

(2 marks)



27.(a) The area of a square garden is 81dm². Find the length of each side of the square

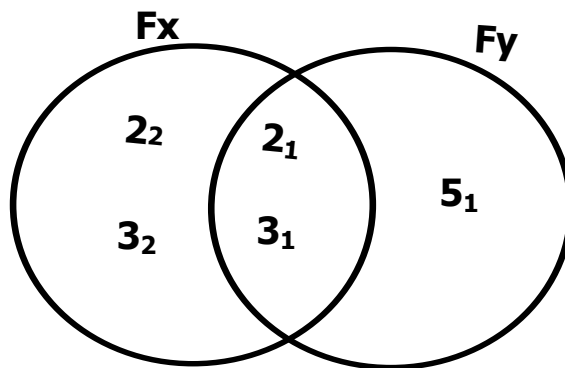
(b) Calculate the perimeter of the square garden.

(2 marks)

(b) Calculate the perimeter of the square garden.

(3 marks)

28. Study the diagram below and use it to answer the questions that follow.



(a) Find the **GCF** of **Fx** and **Fy**.

(2 marks)

(b) Find the **LCM** of the **Fx** and **Fy**

(3 marks)

29.(a) Calculate the simple interest on **shs.480,000** at a simple interest rate of **2%** for **3**years.

(3 marks)

(b) Find the amount of money after **3**years

(2 marks)

30. In Buwate Primary School of 600pupils, 45% are present and the rest are absent.

(a) How many pupils are absent ?

(3 marks)

(b) How many pupils are present ?

(2 marks)

31. Elvis scored the following marks in a science test;

85, 60, 82, 54, 60

(a) Calculate the range.

(2 marks)

(b) Find the Elvis' average mark.

(2 marks)

(b) Find the Elvis' modal mark.

(1 mark)



32. Find the product of 1342 and 153.

(3 marks)

(b) Work out the difference between the biggest and the smallest numbers.

(2 marks)

